

Geo 05: Student Worksheet 1

Using Proportional Symbols



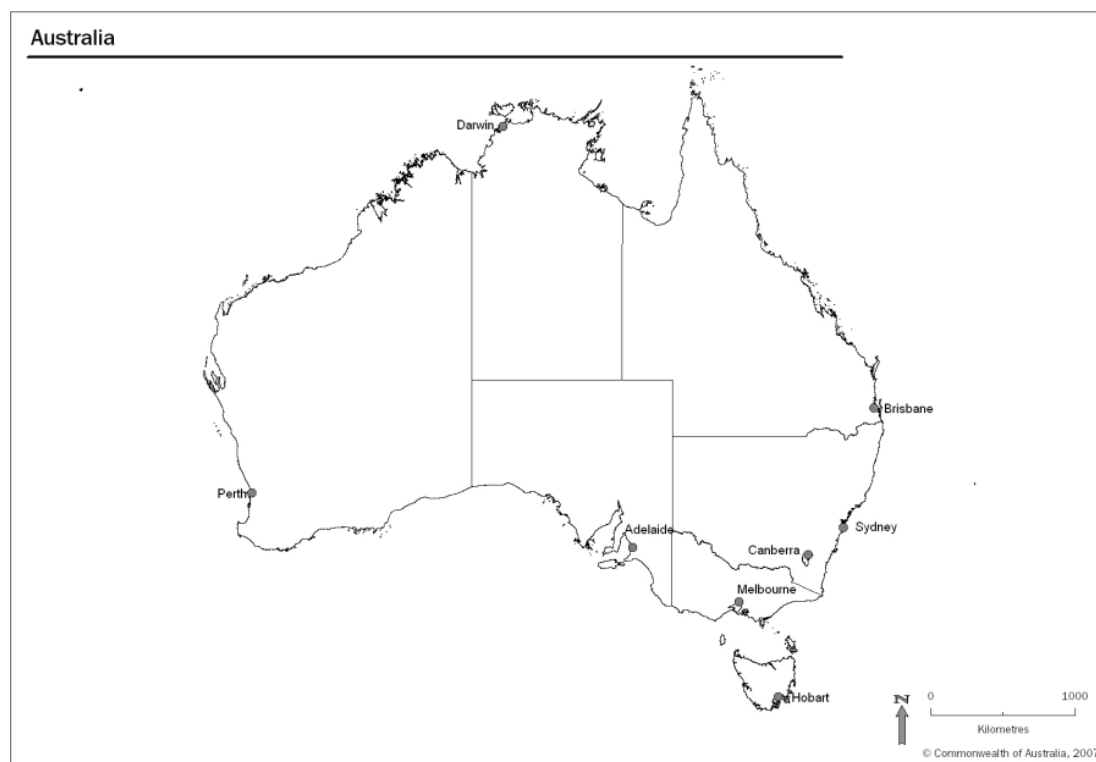
Name _____ Class _____ Date _____

The Estimated Resident Population of Australia on 30th June 2010 was 22,407,700.

Source: [Australian Demographic Statistics, September, 2010](#), (cat.no.3101.0).

The official measure of the Australian population is called the **Estimated Resident Population**. It is the count of all people regardless of citizenship and nationality, who usually live in Australia, with the exception of foreign diplomats and their families.

Task One: How many people live in our Capital Cities?



1. From your own knowledge, rank Australia's capital cities according to the size of their population, from 1 (largest) to 8 (smallest) and complete column (a) in Table 1 below.
2. How many people live in Australia's capital cities? Discuss this with other students and place your estimates in column (b).

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TABLE 1. RANK AND POPULATION OF AUSTRALIA'S CAPITAL CITIES

Capital City Statistical Divisions	(a) Rank (1-8) according to the size of population.	(b) Estimate the population of Australian capital cities.	(c) Population Capital City Statistical Division, June 2008
Adelaide			
Brisbane			
Canberra			
Darwin			
Greater Hobart			
Melbourne			
Perth			
Sydney			
Total population of Capital Cities			

Source: [Year Book Australia, 2009-10](#) (cat. no. 1301.0)

3. Your teacher will provide the population of the capital cities for June 2008. Place these values in column (c). Did you know the population of your own state capital? How close were your estimates?
4. Use the values in column (c) to find the total population of Australia's eight capital cities.
5. Use your answer to question 5 above and the population of Australia provided at the beginning of the worksheet, to calculate the percentage of Australia's population living in the capital cities. Show your working.
6. Outline some advantages and disadvantages of having a large percentage of the population in just 8 cities.

Advantages:

Disadvantages:

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7. On the map of Australia above mark each capital city with a red square which varies in size according to the population of the city. Check your map for its BOLTSS.